

Appendix C: Severe Weather Descriptors

<i>Hail Diameter</i>	<i>Size Description</i>
1/4"	Pea
1/2"	Small marble
3/4"	Penny or dime
7/8"	Nickel
1" (SVR)	Quarter
1 1/4"	Half dollar
1 1/2"	Walnut or Ping-pong ball
1 3/4"	Golfball
2"	Hen egg
2 1/2"	Tennis ball
2 3/4"	Baseball
4"	Grapefruit
4 1/2"	Softball

<i>Force</i>	<i>Wind Speed</i>	<i>Beaufort Scale Specifications</i>
0	0-1 mph	Calm wind; smoke rises vertically with little if any drift
1	1-3 mph	Direction of wind shown by smoke drift, but not by wind vanes; little if any movement with flags; wind barely moves tree leaves
2	4-7 mph	Wind felt on face; leaves rustle; ordinary wind vanes moved by wind; small twigs move
3	8-12 mph	Leaves & small twigs in constant motion; flags extended out; wind blows up dry leaves from ground
4	13-18 mph	Raises dust, leaves, & loose paper; small branches moved
5	19-24 mph	Small trees in leaf begin to sway; crested wavelets form on inland waters; large branches begin to sway
6	25-31 mph	Large branches in continuous motion; whistling sound heard in overhead or nearby utility lines; umbrellas used with difficulty
7	32-38 mph	Whole trees in motion; inconvenience felt when walking against the wind
8	39-46 mph	Twigs & small branches broken off trees; moving cars veer; generally impedes walking
9	47-54 mph	Light structural damage occurs to such objects as chimney covers, shingles/roofing tiles, & TV antennas; ground is littered with many small twigs & broken branches
10	55-63 mph (SVR:58mph)	Considerable structural damage occurs, especially on roofs; small trees may be blown over & uprooted
11	64-72 mph	Widespread damage occurs; larger trees blown over & uprooted
12	73-83 mph	Severe & extensive damage; roofs can be peeled off; windows broken; trees uprooted; RVs & small mobile homes overturned; moving automobiles can be pushed off roadways